Symbol	Description	Unit
E_{F}	Fermi energy	eV
σ	conductivity	µS
V_{bg}	backgate voltage	V
V_{ds}	drain voltage	V
I_{ds}	drain current	V
χ	electron affinity	V
μ_{H}	Hall mobility	$\mathrm{cm^2\,V^{-1}\,s^{-1}}$
μ_{FE}	field-effect mobility	$\mathrm{cm^2\,V^{-1}\,s^{-1}}$

Symbol	Quantity	Value
k_{B}	Boltzmann's constant	$1.380\,66 \times 10^{-23}\,\mathrm{J\,K^{-1}}$
ϵ_0	dielectric constant	$8.854\,18 \times 10^{-12}\,\mathrm{A^2\,s^4\,kg^{-1}\,m^{-3}}$
e	elementary charge	$1.602\,18 \times 10^{-19}\,\mathrm{C}$
eV	electron volt	$1.602\,18 \times 10^{-19}\,\mathrm{J}$
c	speed of light	$2.997\,92 \times 10^8\,\mathrm{m\,s^{-1}}$
h	Planck's constant	$6.626\,07 \times 10^{-34}\,\mathrm{J\,s}$
$\hbar$	reduced Planck's constant	$1.054\,57 \times 10^{-34}\,\mathrm{J\,s}\ (h/2\pi)$